

**Academic Pathways Map**  
**Biology Organismal Option Transfer to MSU Part Time**  
**A.S. Jumpstart**  
**Engineering and Math**

**Start Here**

<b>SEMESTER 1</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
WRIT101	College Writing I	3		
BIOB160	Principles of Living Systems	4	*	
COLS101	First Year Seminar	3		
		<b>TOTAL CREDITS</b>	<b>10</b>	

<b>SEMESTER 2</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
BIOB170	Principles of Biological Diversity	4	*	
PSYX100	Introduction to Psychology	3		
		<b>TOTAL CREDITS</b>	<b>7</b>	

<b>SEMESTER 3</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CHMY141	College Chemistry I	4	*	
M171	Calculus I	4	*	
		<b>TOTAL CREDITS</b>	<b>8</b>	

<b>SEMESTER 4</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
CHMY143	College Chemistry II	4	*	
STAT216	Introduction to Statistics	3	*	
Choose 1 of 2	PSYX230, PSYX250	3		
		<b>TOTAL CREDITS</b>	<b>10</b>	

<b>SEMESTER 5</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
PHSX205	College Physics I	4	*	
NASX105	Introduction to Native American Studies	3		
COMX111	Introduction to Public Speaking	3		
		<b>TOTAL CREDITS</b>	<b>10</b>	

<b>SEMESTER 6</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
PHSX207	College Physics II	4	*	
BIOB260	Cellular and Molecular Biology	4		
Choose 1 of 3	ARTZ105, LIT110, PHL110	3		
		<b>TOTAL CREDITS</b>	<b>11</b>	

<b>SEMESTER 7</b>		<b>CREDITS</b>	<b>MILESTONE</b>	<b>✓</b>
BIOB275	General Genetics	4	*	

Choose 1 of 3	ARTZ105, LIT110, PHL110	3		
		TOTAL CREDITS	7	

**You are finished!**

**Pathway Advising Notes:** This pathway is geared towards students that are ready for M171 Calculus. Students not ready for calculus will need to take the pre-requisite math courses.

**Course Advising Notes:** BIOB160: MSU required course.

BIOB170: MSU required course

CHMY141: MSU required course.

CHMY143: MSU required course.

STAT216: MSU required course.

PSYX230 or PSYX250: S&PS/H

PHSX205: MSU required course.

NASX105: Diversity and CHAI

COMX111: MSU required course.

PHSX207: MSU required course.

1 of ARTZ105, LIT110, PHL110: H&FA courses recommended also meet core requirements at MSU. Any H&FA courses will meet this requirement for HC.

BIOB275: Should meet MSU course requirement for BIOB375 per CCN.

1 of ARTZ105, LIT110, PHL110: H&FA course recommended also meet core requirements at MSU. Any H&FA course will meet this requirement for HC.